



CERTIFICATE OF MAILING (37 CFR 1.8a)

I hereby certify that this paper (along with any paper referred to as being transmitted therewith) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

Eileen M. Ebel

(Print Name)

Date: November 16, 1998

Eileen M. Ebel

(Signature)

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application

VAN ARSDELL ET AL.

Serial No. 08/914,332, filed July 14, 1997

Group: 1652

Examiner: Lau, K.

For: **OVERCOMING DAPA AMINOTRANSFERASE
BOTTLENECKS IN BIOTIN VITAMERS BIOSYNTHESIS**

Nutley, New Jersey 07110

November 16, 1998

Assistant Commissioner for Patents
Washington, D.C. 20231

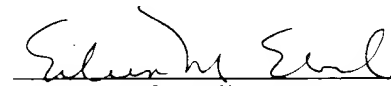
RESPONSE TO REQUIREMENT FOR RESTRICTION

Sir:

In response to the Office Action of September 17, 1998, applicants elect Group I claims (claims 1 to 22) for prosecution in the present application. Group I claims are drawn to methods of producing biotin vitamers comprising bacteria expressing a lysine-utilizing DAPA aminotransferase.

A petition for a one month extension of time is enclosed. The Commissioner is hereby authorized to charge Deposit Account No. 08-2525.

Respectfully submitted,



Attorney of Applicant(s)

Eileen M. Ebel

(Reg. No. 37,316)

340 Kingsland Street

Nutley, New Jersey 07110

Telephone: (973) 235-5801

Telefax: (973) 235-2363

70885